April 9, 2009



VIA CERTIFIED MAIL

Mary Logan U S EPA Region V (SR-6J) 77 W Jackson Boulevard Chicago, IL 60604-3590

Sheila Abraham
Ohio EPA - NE District Office
Div Of Emergency & Remedial Response
2110 East Aurora Road
Twinsburg, OH 44087

Remedial Response Section Manager Ohio EPA - DERR P O Box 1049 Lazarus Government Center Office 122 South Front Street Columbus, OH 43216-1049

Re: MARCH 2009 MONTHLY REPORT

RI/FS & REMEDIAL DESIGN & REMOVAL ACTION

NEASE CHEMICAL SITE

SALEM, OHIO

In accordance with Paragraph X E of the Administrative Order by Consent regarding a Remedial Investigation/Feasibility Study (RI/FS) of the Nease Chemical Site in Salem, Ohio, attached is a copy of the March 2009 RI/FS Progress Report. This report also includes the monthly progress report for the remedial design (OU-2) in accordance with Paragraph X of the Administrative Order on Consent, effective as of May 10, 2006.

Additionally, in accordance with Paragraph 14 of the Administrative Order by Consent, signed December 17, 1993, attached is a copy of March Removal Action Progress Report

Sincerely.

Dr. Rainer F Domalski Site Coordinator

Enclosures

СС

M Hardy/Heidi Goldstein – Thompson Hine Steve Finn – Golder Associates, Inc.

040909

US EPA RECORDS CENTER REGION 5

201 Struble Road, State College, PA 16801 Phone 814-231-9200, Fax 814-239-1567

NEASE CHEMICAL SITE, SALEM, OHIO REMEDIAL INVESTIGATION/FEASIBILITY STUDY REMEDIAL DESIGN (OU-2) MONTHLY PROGRESS REPORT MARCH 2009

1. INTRODUCTION

This progress report has been prepared in accordance with Paragraph XE of the Administrative Order of Consent (AOC) regarding a Remedial Investigation/Feasibility Study (RI/FS) and Paragraph X of the Administrative Order on Consent regarding the Remedial Design (RD/OU-2) of the Nease Chemical Site in Salem, Ohio. The report summarizes the major RI/FS and RD actions during the month along with investigation results and any problems encountered in the project. Activities planned for next month are also presented.

2 SUMMARY OF ACTIVITIES PERFORMED

2.1 PROJECT ACTIVITY SUMMARY

The activities that were initiated and/or completed during the month are described. All activities were performed in accordance with the detailed protocol provided in the approved Work Plan.

2.2 FIELDWORK

221 RI/FS

None

2.2.2 RD (OU-2)

Golder collected a sub-slab vapor sample in a residential home close to the site.

2.3 Reports

2.3 1 RI/FS

The final Record of Decision (ROD) for OU-3 was signed by the agency on September 24, 2008. ROC is currently reviewing a draft Administrative Consent Order for Pre-Design and Design submitted by the agency.

2 3.2 RD (OU-2)

- As discussed in a conference call, Golder is putting together schedules for supplemental OU-2/PDI activities as OU-3 PDI.
- Prepare addendum to revised Vapor Intrusion Report including the results of vapor intrusion sampling in a residential home.
- o Prepare work plan for additional NZVI-Pilot Study including fracturing the bedrock.

2.4 MEETINGS

None.

3 VARIATIONS FROM THE APPROVED WORK PLAN

None.

4 RESULTS OF SAMPLING, TESTS AND ANALYSES

Results from sampling events were and will be provided to the agencies in specific reports.

5 PROJECT SCHEDULE

The current Work Plan schedule identifies completion and target dates for project activities Those scheduled to occur over the next several months include.

- o Finalize PDI work incl. Technical Memoranda.
- o Start Remedial Design Workplan

6 DIFFICULTIES ENCOUNTERED AND ACTION TAKEN TO RESOLVE PROBLEMS

No significant difficulties were encountered.

7 PERSONNEL CHANGES

None

8 ANTICIPATED PROJECT ACTIVITIES FOR APRIL 2009

- Monthly Progress Report March 2008
- RD (OU-2)
 - o Baseline Technical Memorandum Report -
 - Response to agency recommendations and considerations and for implementation of interim measures for the removal of NAPL at TW06-21.
 - Submit letters to adjacent property owner's presenting the sampling results and boring logs for monitoring wells installed in their property.
 - Submit addendum to Revised Vapor Intrusion Report.
 - Submit schedules for OU-2/3 PDI activities.

TABLE 1 NEASE CHEMICAL SITE, SALEM, OHIO RI/FS AND RD (OU-2) SCHEDULE

DATE	TASK/ACTIVITY/DELIVERABLE/MILESTONE					
	RI/FS	RD (OU-2)				
	Documentation of the Site Activities through July 31, 2004 can be reviewed in the July 2004 Monthly Progress Report Documentation of the Site Activities from August 1, 2004 through December 31, 2008 can be reviewed in the December 2008 Monthly Progress Report					
Jan 9, 2009		nly Progress Report				
Jan 29, 2009		Submit Utility Map Submit Proposal for Additional Mirex surface soil sampling				
Feb 9, 2009	Submit Montl	nly Progress Report				
Feb 10, 2009		Submit Revised Vapor Instrusion Report and Response Letter to Agencies' Comments to Baseline Technical Memorandum				
Mar 19, 2009	Submit Monti	nly Progress Report				
Aprıl 9, 2009	Submit Montl	nly Progress Report				

NEASE CHEMICAL SITE, SALEM, OHIO REMOVAL ACTION MONTHLY PROGRESS REPORT MARCH 2009

1.0 INTRODUCTION

This progress report has been prepared in accordance with Paragraph 14 of the "Order" section of the Administrative Order by Consent (AOC) Docket No. V-W-94-C-212, effective November 17, 1993 regarding a Removal Action for the Nease Chemical Site in Salem, Ohio. The report summarizes the major activities during the month along with investigation results and any problems encountered on the project. Activities planned for next month are also presented.

2.0 SUMMARY OF ACTIVITIES PERFORMED

2.1 PROJECT ACTIVITY

The activities that were initiated and/or completed during this month are described below. Activities were performed in accordance with the Removal Action AOC.

Golder evaluated the performance of the groundwater treatment system and the carbon change-out schedule. Based on the close review of the monthly sampling results, the carbon change-out can be conducted on a 4-month cycle. The carbon units were exchanged at the beginning of March.

2.2 WORK PLAN PREPARATION/REPORTS

None

2 3 FIELDWORK

2.3 1 SITE INSPECTIONS

The results of the monthly site inspection carried out at the site on April 4, 2009 are shown in Attachment 1.

2.3.2 MONTHLY WATER LEVEL MEASUREMENTS

The next water level monitoring in wells was moved to March 2009 because of the wintry weather.

2.3.3 TREATMENT PLANT OPERATION

The treatment plant operated mostly normal throughout the month.

2 4.1.1 MEETINGS

None

3.0 VARIATIONS FROM THE APPROVED REMOVAL ACTION WORK PLAN

None

4.0 RESULTS OF INSPECTIONS, ENVIRONMENTAL SAMPLING, TESTS AND ANALYSES

Water monitoring samples were collected from the treatment plant on February 26 and March 16, 2009 (Attachments 2 and 3). The next acute toxicity evaluations is scheduled for May 2009

5.0 PROJECT SCHEDULE

None

6.0 DIFFICULTIES ENCOUNTERED AND ACTION TAKEN TO RESOLVE PROBLEMS

None

7.0 PERSONNEL CHANGES

None.

8.0 TYPES AND QUANTITIES OF REMOVED MATERIALS

For the period from March 1 through 31, 2009 the following material was removed:

- 16,000 gallons of leachate and/or backwash water were disposed offsite during this month.
- Approximately 135,561 gallons were pumped from Leachate Collection System 1 (LCS-1) (total for LCS-1 =22,701,644 gal).
- 16,337 gallons were pumped from Leachate Collection System 2 (LCS-2) (total for LCS-2 = 1,791,114 gal).
- No water was pumped from Pond 1 (total for the pond = 1,034,375 gallons).
- Approximately 18 pounds of organic compounds were removed during pumping (estimate based on average VOC/SVOC concentrations for each source).

9.0 ANTICIPATED PROJECT ACTIVITIES FOR APRIL 2009

Removal Action activities scheduled for the upcoming month include on-going implementation of the approved Removal Action Work Plan involving:

- Collection of groundwater from the existing collection systems LCS-1, LCS-2 and Pond 1.
- Monthly Progress Report for March 2009

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TABLE 1 NEASE CHEMICAL SITE, SALEM, OHIO REMOVAL ACTION SCHEDULE

DATE	TASK/ACTIVITY/DELIVERABLE/MILESTONE
	Documentation of the Site Activities through July 31, 2004 can be reviewed in the July 2004 Monthly Progress Report
	Documentation of the Site Activities August 1, 2004 through
,	December 31, 2008 can be reviewed in the December 2008
	Monthly Progress Report
Jan. 9, 2009	Submit Monthly Progress Report
Feb. 6, 2009	Submit Monthly Progress Report
Mar 19, 2009	Submit Monthly Progress Report
Aprıl 9, 2009	Submit Monthly Progress Report

ATTACHMENT 1

RESULTS OF MONTHLY SITE INSPECTION NEASE CHEMICAL SITE, SALEM, OHIO MARCH 2009

SITE INSPECTION FORM RUETGERS-NEASE CORPORATION Nease Site, Salem, Ohio

Date of Inspection: $4-2-09$			
Entry Time: <u>1300 Hrs</u>	Exit Time:	1500 Hes.	
Weather: SUNNY 60°			
Inspector's Name: DENNIS L. LANE			
Inspector's Company: Howells	s and Baird, Inc.		

INSPECTION RESULTS

SPECIFIC OBSERVATIONS:

Structures

(Responses: S = Satisfactory U = Unsatisfactory Yes/No Levels Measured in Feet, N/A = Not Applicable)

	Pump	Quick Connect	Water Level	Berm Erosion	Visible Leakage
Leachate Collection System 1 (LCS-1)	S	S	6.46	N/A	No
Leachate Collection System 2 (LCS-2)	S	S	12.27	N/A	No
Pond 1 Pumphouse	S	S	9.33	N/A	No
Pond 1 Berm	N/A	N/A	N/A	No	No
Pond 2 Embankment	N/A	NA	NA	No	No
Exclusion Area A Embankment	N/A	NA	NA	No	No
Storage Tank	NA	5	5,16	NA	No
Other (specify)			_		

SPECIFIC OBSERVATIONS:

Sediment Barriers

Condition of Sediment Barriers

Barrier ID	Fabric Intact?	By Passing Evident?	Is Maintenance Necessary?
Sediment Control Structure 1	YES	No	No
Sediment Control Structure 2	YES	No	No
Fabric Barrier 2	YES	No	No
Fabric Barrier 3	YES	No	No
Fabric Barrier 4	YES	No	No
Fabric Barrier 5	YES	No	No
Fabric Barrier 8	YES	No	No
Fabric Barrier 9	YES	No	No
Fabric Barrier 10	YES	No	No
Rock Barrier 1	YES	No	No
Rock Barrier 2	YES	No	No
Pond 7 - North	YES	No	No
Pond 7 - South	YES	No	No

SPECIFIC OBSERVATIONS:

Seeps (if present, use more forms, as necessary)

Seep ID (yr-month-#)	Located on Map	Areal Extent (ft 2)	Magnitude (flow?, ponding?)
94-7-1	YES	20	NON- FLOWING SEEP
96-8-2	YES	20	NON-FLOWING SEEP

Note Seep ID # equal the "nth' observed seep during the yr-month in question

ADDITIONAL OBSERVATION OR REMARKS:	
Inspector's Name: DENNIS L. LANE	
Inspector's Name: DENNIS L. LANE Inspector's Signature: Lane	
Date: 4-2-09	

ATTACHMENT 2

WATER SAMPLING RESULTS – FEBRUARY 26, 2009 NEASE CHEMICAL SITE, SALEM, OHIO



ANALYTICAL REPORT

SALEM, OHIO SITE

Lot #: A9B270131

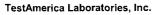
Dr. Rainer Domalski

Rutgers Organics Corporation 201 Struble Road State College, PA 16801

TESTAMERICA LABORATORIES, INC.

Kenneth J. Kuzior
Project Manager
ken kuzior@testamericainc.com

March 13, 2009



TestAmerica North Canton 4101 Shuffel Street NW, North Canton, OH 44720 Tel (330)497-9396 Fax (330)497-0772 www.testamericainc.com



Kenneth J Kuzior Project Manager 3/13/2009 3 46 PM

SAMPLE SUMMARY

A9B270131

<u>wo # s</u>	SAMPLE	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K7TF3	001	INFLUENT	02/26/09	13:00
K7TF8	002	OUTFALL	02/26/09	13:00
K7TF9	003	LGAC 2-3	02/26/09	13:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages
- All calculations are performed before rounding to avoid round-off errors in calculated results
- Results noted as "ND" were not detected at or above the stated limit
- This report must not be reproduced, except in full, without the written approval of the laboratory
- Results for the following parameters are never reported on a dry weight basis color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight

Client Sample ID: INFLUENT

General Chemistry

Lot-Sample #...: A9B270131-001 Work Order #...: K7TF3 Matrix.....: WG

Date Sampled...: 02/26/09 13:00 Date Received..: 02/27/09

PARAMETER	RESULT	RL	UNITS	METHO	D	PREPARATION- ANALYSIS DATE	PREP BATCH #
Nitrate as N	ND	0.10	mg/L	MCAWW	300.0A	02/28/09	9062096
	Ω	ollution Fact	or: 1				
Nitrite as N	ND	0.10	mg/L	MCAWW	300.0A	02/28/09	9062099
	Г	lution Fact	or 1				
Nitrogen, as Ammonia	ND	2.0	mg/L	MCAWW	350.2	03/06/09	9065108
	П	llution Fact	or 1				
Total phosphorus	ND	0.1	mg/L	MCAWW	365.2	03/04/09	9063404
	D	ulution Fact	or: 1				

Client Sample ID: OUTFALL

General Chemistry

Lot-Sample #...: A9B270131-002 Work Order #...: K7TF8 Matrix.....: WG

Date Sampled...: 02/26/09 13:00 Date Received..: 02/27/09

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Nitrate as N	ND D	0.10 Ollution Fact	mg/L cor· 1	MCAWW 300.0A	02/28/09	9062096
Nitrite as N	ND E	0.10 Dilution Fact	mg/L cor 1	MCAWW 300.0A	02/28/09	9062099
Nitrogen, as Ammonia		2.0 Dilution Fact	mg/L cor: 1	MCAWW 350.2	03/06/09	9065108
Total phosphorus	ND	0.1 Ollution Fact	mg/L	MCAWW 365.2	03/04/09	9063404

Client Sample ID: LGAC 2-3

GC/MS Volatiles

Lot-Sample #...: A9B270131-003 Work Order #...: K7TF91AA Matrix...... WG

Date Sampled...: 02/26/09 13:00 Date Received..: 02/27/09 Prep Date....: 03/06/09 Analysis Date..: 03/06/09

Prep Batch #...: 9069291

Dilution Factor: 1 Method.....: SW846 8260B

		REPORTING		
PARAMETER	RESULT	LIMIT	UNITS	
Acetone	ND	10	ug/L	
Benzene	ND	1.0	ug/L	
Bromobenzene	ND	1.0	ug/L	
Bromochloromethane	ND	1.0	ug/L	
Bromodichloromethane	ND	1.0	ug/L	
Bromoform	ND	1.0	ug/L	
Bromomethane	ND	1.0	ug/L	
2-Butanone	ND	10	ug/L	
n-Butylbenzene	ND	1.0	ug/L	
sec-Butylbenzene	ND	1.0	ug/L	
tert-Butylbenzene	ND	1.0	ug/L	
Carbon tetrachloride	ND	1.0	ug/L	
Chlorobenzene	ND	1.0	ug/L	
Dibromochloromethane	ND	1.0	ug/L	
Chloroethane	ND	1.0	ug/L	
Chloroform	ND	1.0	ug/L	
Chloromethane	ND	1.0	$\mathtt{ug/L}$	
2-Chlorotoluene	ND	1.0	ug/L	
4-Chlorotoluene	ND	1.0	ug/L	
1,2-Dibromoethane	ND	1.0	ug/L	
Dibromomethane	ND	1.0	ug/L	
1,2-Dichlorobenzene	ND	1.0	ug/L	
1,3-Dichlorobenzene	ND	1.0	ug/L	
1,4-Dichlorobenzene	ND	1.0	ug/L	
Dichlorodifluoromethane	ND	1.0	ug/L	
1,1-Dichloroethane	ND	1.0	ug/L	
1,2-Dichloroethane	ND	1.0	ug/L	
cis-1,2-Dichloroethene	ND	1.0	ug/L	
trans-1,2-Dichloroethene	ND	1.0	\mathtt{ug}/\mathtt{L}	
1,1-Dichloroethene	ND	1.0	ug/L	
1,2-Dichloropropane	ND	1.0	ug/L	
1,3-Dichloropropane	ND	1.0	ug/L	
2,2-Dichloropropane	ND	1.0	ug/L	
cıs-1,3-Dichloropropene	ND	1.0	ug/L	
trans-1,3-Dichloropropene	ND	1.0	ug/L	
1,1-Dichloropropene	ND	1.0	ug/L	
Ethylbenzene	ND	1.0	ug/L	
Isopropylbenzene	ND	1.0	ug/L	
p-Isopropyltoluene	ND	1.0	ug/L	

(Continued on next page)

Client Sample ID: LGAC 2-3

GC/MS Volatiles

Lot-Sample #...: A9B270131-003 Work Order #...: K7TF91AA Matrix...... WG

		REPORTING	G
PARAMETER	RESULT	LIMIT	UNITS
Methylene chloride	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trımethylbenzene	ND	1.0	ug/L
Vınyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L
	PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS	_
Dibromofluoromethane	96	(73 - 122	2)
1,2-Dichloroethane-d4	97	(61 - 128	3)
Toluene-d8	93	(76 - 110	0)
4-Bromofluorobenzene	84	(74 - 116)	5)

Chain of Custody Record

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Company Name. Rutgers Organics Corp.	Client Project N Dr. Ro Telephone		smals	k'i		Site Co			با	ane	<u>. </u>				Conta	et:							coc	No]
Rutgers Organics Corp. 201 Struble Road City/State/Zip:	(814) 2								50			56		reie							_ of	_ COCs				
State College, PA. 16801	Emau:															т г		Anal	lyses				_			
State College, PA. 16801 Phone (8H) 231-9200 Project Name. Salem, Ohio Site Project Number:	Method of Ship Shipping/Track					' 	Alifo	Inflerent		3 week 2 week 1 week 2 days	ks k	_		Witch Nithite	NH3 Physhery											
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Sample Identification	Sample Date	Sample Time	Air Aqueous	Sediment Solid	Other	H2SO4	HNO3	нсі	NaOH	ZnAc/ NaOII	Unpres	Other		X 1.7%	Y.	7								ample Speci Special Insti		
Influent	2-26-09	300	X								X			1								\Box				
Outfall	2-26-09	1300	×								×			ı,	ļ						\perp	\perp	1			
Influent	2-26-09	1300	×			X									1						_	<u> </u>	1			
Outfall	2-26-09	1300	X	1.	ļ	×								_	1			_		\sqcup	\dashv	\perp	\bot			4
LGAC 2-3	2-26-09	1300	X	\perp				X					igert	\perp	_	3		-			\dashv	+	┼			\downarrow
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Possible Hazard Identification Non-Hazard Flammable Skir	Imtani F	Poison B		111	nknown				il (A f			ssessed Disp				d longe			nth)			Monti	he he			٦
Special Instructions/QC Requirements & Comments			·														. III vo I	<u> </u>						•		┪
Please have Ken K	uzior E	Email	Tes	+ 1	Res	ult	5	to)	Go	lde	er 4	<u> </u>	155	•											
Relunquished by Gerald Wilhelm	Company	s Bragnic	S Date	Time - 24-	-09	11	400		Recei	ved by 人								Comp	any				Date/I	Time		
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Refinquished by	Сопрапу		Date	Time					Recei	ved in	Labo	ratory l	oy. S					Comp	any	يو			Date/I	Time 27-09	0915	_

ATTACHMENT 3

WATER SAMPLING RESULTS – MARCH 16, 2009 NEASE CHEMICAL SITE, SALEM, OHIO

The results shown below may still require additional laboratory review and are subject to

change. Actions taken based on these results are the responsibility of the data user. PAGE Rutgers Organics Corporation 1 Lot #: A9C170178 SALEM, OHIO SITE Date Reported: 3/30/09 REPORTING ANALYTICAL PARAMETER LIMIT UNITS METHOD RESULT Client Sample ID: INFLUENT Sample #: 001 Date Sampled: 03/16/09 13:00 Date Received: 03/17/09 Matrix: WATER Inorganic Analysis Reviewed pH Aqueous 7.0 No Units SW846 9040B Filterable Residue (TDS) 380 10 mq/L MCAWW 160.1 Non-Filterable 8.0 4.0 mg/L MCAWW 160.2 Residue (TSS) Client Sample ID: LGAC 2-3 Sample #: 002 Date Sampled: 03/16/09 13:00 Date Received: 03/17/09 Matrix: WATER Volatile Organics by GC/MS Reviewed SW846 8260B Acetone ND 10 ug/L Benzene ND 1.0 ug/L SW846 8260B Bromobenzene ND 1.0 ug/L SW846 8260B Bromochloromethane SW846 8260B ND 1.0 ug/L Bromodichloromethane ND 1.0 ug/L SW846 8260B Bromoform ND 1.0 ug/L SW846 8260B Bromomethane ND 1.0 ug/L SW846 8260B 2-Butanone ND 10 SW846 8260B ug/L n-Butylbenzene ND 1.0 SW846 8260B ug/L sec-Butylbenzene ND 1.0 SW846 8260B uq/L tert-Butylbenzene ND 1.0 SW846 8260B ug/L Carbon tetrachloride ND1.0 ug/L SW846 8260B Chlorobenzene ND 1.0 SW846 8260B ug/L Dibromochloromethane ND 1.0 SW846 8260B ug/L Chloroethane 1.0 SW846 8260B ND ug/L SW846 8260B Chloroform ND 1.0 ug/L Chloromethane SW846 8260B ND 1.0 ug/L 2-Chlorotoluene ND 1.0 ug/L SW846 8260B 4-Chlorotoluene ND 1.0 SW846 8260B ug/L 1,2-Dibromoethane ND 1.0 SW846 8260B ug/L Dibromomethane ND 1.0 SW846 8260B ug/L 1,2-Dichlorobenzene 1.0 SW846 8260B ND ug/L 1,3-Dichlorobenzene ND 1.0 ug/L SW846 8260B 1,4-Dichlorobenzene ug/L ND 1.0 SW846 8260B

(Continued on next page)

1.0

1.0

1.0

ug/L

ug/L

uq/L

SW846 8260B

SW846 8260B

SW846 8260B

ND

ND

ND

Dichlorodifluoromethane

1,1-Dichloroethane

1,2-Dichloroethane

The results shown below may still require additional laboratory review and are subject to

Ruto E #: A9C170178	_	ics Corpora OHIO SITE	ation	Date R	PAGE 3/30/09		
PARAMETER	RESULT	REPORT LIMIT	TING UNITS	ANALYTICAL METHOD			
FARAMETER	<u>KE30H1</u>	BIRIT	ONIIS	PETIT	<u> </u>		
Client Sample ID: LGAC 2-3							
Sample #: 002 Date Sampled:	03/16/09	13:00 Date	e Received:	03/17/09	Matrıx:	WATER	
Volatile Organics by GC/MS						Reviewed	
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW84	6 8260B	1.012000	
trans-1,2-Dichloroethene	ND	1.0	ug/L		6 8260B		
1,1-Dichloroethene	ND	1.0	ug/L		6 8260B		
1,2-Dichloropropane	ND	1.0	ug/L		6 8260B		
1,3-Dichloropropane	ND	1.0	ug/L		6 8260B		
2,2-Dichloropropane	ND	1.0	ug/L		6 8260B		
cis-1,3-Dichloropropene	ND	1.0	ug/L		6 8260B		
trans-1,3-Dichloropropene	ND	1.0	ug/L		6 8260B		
1,1-Dichloropropene	ND	1.0	ug/L	SW84	6 8260B		
Ethylbenzene	ND	1.0	ug/L		6 8260B		
Isopropylbenzene	ND	1.0	ug/L		6 8260B		
p-Isopropyltoluene	ND	1.0	ug/L	SW84	6 8260B		
Methylene chloride	ND	1.0	ug/L		6 8260B		
n-Propylbenzene	ND	1.0	ug/L	SW84	6 8260B		
Styrene	ND	1.0	ug/L		6 8260B		
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW84	6 8260B		
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L		6 8260B		
Tetrachloroethene	ND	1.0	ug/L		6 8260B		
Toluene	ND	1.0	ug/L		6 8260B		
1,1,1-Trichloroethane	ND	1.0	ug/L		6 8260B		
1,1,2-Trichloroethane	ND	1.0	ug/L		6 8260B		
Trichloroethene	ND	1.0	ug/L		6 8260B		
Trichlorofluoromethane	ND	1.0	ug/L		6 8260B		
1,2,3-Trichloropropane	ND	1.0	ug/L		6 8260B		
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW84	6 8260B		
1,3,5-Trimethylbenzene	ND	1.0	ug/L		6 8260B		
Vinyl chloride	ND	1.0	ug/L		6 8260B		
m-Xylene & p-Xylene	ND	2.0	ug/L	SW84	6 8260B		
o-Xylene	ND	1.0	ug/L		6 8260B		
Inorganıc Analysis						Reviewed	
pH Aqueous	8.0		No Uni	ts SW84	6 9040B	1.0.20,000	
Filterable Residue (TDS)	370	10	mg/L		W 160.1		
Non-Filterable	ND	4.0	mg/L		W 160.2		
Residue (TSS)		1.0		11021111			

(Continued on next page)

The results shown below may still require additional laboratory review and are subject to

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The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Rut Lot #: A9C170178	gers Organic SALEM, O	=	on	Date Re	ported:	PAGE 3/30/09
		REPORTING	3	ANALY	TICAL	
PARAMETER	RESULT	LIMIT	UNITS	METHO	<u>D</u>	
Client Sample ID: OUTFALL Sample #: 003 Date Sampled:	03/16/09 13	:00 Date Re	eceived: (03/17/09	Matrix:	WATER
Mercury in Liquid Waste (Manu	al Cold-Vapo	r)				Reviewed
Mercury	ND	0.00020	mg/L	SW846	7470A	Neviewed
ICP-MS (6020)						Reviewed
Sılver	ND	0.0010	mg/L	SW846	6020	
Alumınum	ND	0.050	mg/L	SW846	6020	
Arsenic	0.0094	0.0010	mg/L	SW846	6020	
Beryllıum	ND	0.0010	mg/L	SW846	6020	
Cadmıum	ND	0.0010	${\tt mg/L}$	SW846	6020	
Chromium	ND	0.0020	${\tt mg/L}$	SW846	6020	
Copper	ND	0.0020	mg/L	SW846	6020	
Iron	0.44	0.050	mg/L	SW846	6020	
Nickel	0.0073	0.0020	mg/L	SW846	6020	
Lead	ND	0.0010	mg/L	SW846	6020	
Antimony	0.0024	0.0020	mg/L	SW846	602 0	
Thallium	ND	0.0010	mg/L	SW846	6020	
Zinc	0.035	0.010	mg/L	SW846	6020	
Organochlorine Pesticides						Reviewed
Methoxychlor	ND	0.10	ug/L	SW846	8081A	Reviewed
Volatile Organics by GC/MS						Reviewed
Acetone	ND	10	ug/L	SW846	8260B	
Benzene	ND	1.0	ug/L		8260B	
Bromobenzene	ND	1.0	ug/L		8260B	
Bromochloromethane	ND	1.0	ug/L		8260B	
Bromodichloromethane	ND	1.0	ug/L		8260B	
Bromoform	ND	1.0	ug/L		8260B	
Bromomethane	ND	1.0	ug/L		8260B	
2-Butanone	ND	10	ug/L		8260B	
n-Butylbenzene	ND	1.0	ug/L		8260B	
sec-Butylbenzene	ND	1.0	ug/L		8260B	
tert-Butylbenzene	ND	1 0	1107/T		9260B	

(Continued on next page)

1.0

1.0

1.0

1.0

ug/L

ug/L

 ${ t ug/L}$

ug/L

SW846 8260B

SW846 8260B

SW846 8260B

SW846 8260B

ND

ND

ND

ND

tert-Butylbenzene

Chlorobenzene

Carbon tetrachloride

Dibromochloromethane

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user. ______

Rutgers Organics Corporation

PAGE 4 Date Reported: 3/30/09

Lot #: A9C170178 SALEM, OHIO SITE

REPORTING ANALYTICAL LIMIT UNITS METHOD PARAMETER RESULT

Client Sample ID: OUTFALL

Date Sampled: 03/16/09 13:00 Date Received: 03/17/09 Matrix: WATER Sample #: 003

Volatile Organics by GC/MS					Reviewed
Chloroethane	ND	1.0	ug/L	SW846 8260B	
Chloroform	ND	1.0	ug/L	SW846 8260B	
Chloromethane	ИD	1.0	ug/L	SW846 8260B	
2-Chlorotoluene	ND	1.0	${ t ug/L}$	SW846 8260B	
4-Chlorotoluene	ND	1.0	${ t ug/L}$	SW846 8260B	
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B	
Dibromomethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichlorobenzene	0.59 J	1.0	ug/L	SW846 8260B	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloroethane	ND	1.0	${ t ug/L}$	SW846 8260B	
cis-1,2-Dichloroethene	1.0	1.0	ug/L	SW846 8260B	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B	
1,2-Dichloropropane	ND	1.0	$\mathtt{ug/L}$	SW846 8260B	
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B	
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B	
1,1-Dichloropropene	ND	1.0	${ t ug/L}$	SW846 8260B	
Ethylbenzene	ND	1.0	ug/L	SW846 8260B	
Isopropylbenzene	ND	1.0	${ t ug/L}$	SW846 8260B	
p-Isopropyltoluene	ND	1.0	${ t ug/L}$	SW846 8260B	
Methylene chloride	ND	1.0	\mathtt{ug}/\mathtt{L}	SW846 8260B	
n-Propylbenzene	ND	1.0	${\tt ug/L}$	SW846 8260B	
Styrene	ND	1.0	ug/L	SW846 8260B	
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	${ t ug/L}$	SW846 8260B	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B	
Toluene	ND	1.0	ug/L	SW846 8260B	
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B	
Trichloroethene	ND	1.0	ug/L	SW846 8260B	
Trichlorofluoromethane	ND	1.0	${\tt ug/L}$	SW846 8260B	
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B	

(Continued on next page)

		_		_			
Rutg ot #: A9C170178	ers Organ SALEM,			tion	Date F	PAGE 5 3/30/09	
PARAMETER	RESULT		REPORTI LIMIT	ING <u>UNITS</u>	ANAI METH		YTICAL
Client Sample ID: OUTFALL							
Sample #: 003 Date Sampled:	03/16/09	13:00	Date	Received:	03/17/09	Matrix:	WATER
Volatile Organics by GC/MS							Reviewed
1,2,4-Trimethylbenzene	ND		1.0	ug/L	SW84	6 8260B	
1,3,5-Trimethylbenzene	ND		1.0	ug/L		6 8260B	
Vinyl chloride	ND		1.0	ug/L		6 8260B	
m-Xylene & p-Xylene	ND		2.0	ug/L		6 8260B	
o-Xylene	ND		1.0	ug/L		6 8260B	
J Estimated result Result is less than RL							
Semivolatile Organic Compounds	by GC/MS	5					Reviewed
Anthracene	ND		10	ug/L	SW84	6 8270C	
Benzo(a)anthracene	ND		10	ug/L	SW84	6 8270C	
Benzo(b)fluoranthene	ND		10	ug/L	SW84	6 8270C	
Benzo(k)fluoranthene	ИD		10	ug/L	SW84	6 8270C	
Benzo(ghi)perylene	ND		10	ug/L	SW84	6 8270C	
Benzo(a)pyrene	ND		10	ug/L	SW84	6 8270C	
Butyl benzyl phthalate	ND		10	ug/L	SW84	6 8270C	
Chrysene	ND		10	ug/L	SW84	6 8270C	
Dibenz(a,h)anthracene	ND		10	ug/L	SW84	6 8270C	
Dı-n-butyl phthalate	ND		10	ug/L	SW84	6 8270C	
1,2-Dichlorobenzene	ND		10	ug/L	SW84	6 8270C	
1,3-Dichlorobenzene	ND		10	ug/L	SW84	6 8270C	
1,4-Dichlorobenzene	ND		10	ug/L		6 8270C	
Dimethyl phthalate	ND		10	ug/L		6 8270C	
Fluorene	ND		10	ug/L		6 8270C	
Indeno(1,2,3-cd)pyrene	ND		10	ug/L		6 8270C	
2-Methylnaphthalene	ND		10	ug/L		6 8270C	
4-Methylphenol	ND		10	ug/L		6 8270C	
Naphthalene	ND		10	ug/L		6 8270C	
Phenanthrene	ND		10	ug/L		6 8270C	
Phenol	ND		10	ug/L		6 8270C	
Pyrene	ND		10	ug/L		6 8270C	
r y r cire	MD			ug/ Li			
Phenyl sulfone	ND		2.0	ug/L	NO MO	6 8270C	

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		Rutgers Organics Corporation	P.	AGE	6
Lot #:	A9C170178	SALEM, OHIO SITE Date Repo	orted:	3/30/0	9

REPORTING	ANALYTICAL

	REPORTING		ANALITICAL
RESULT	LIMIT	UNITS	METHOD

Client Sample ID: OUTFALL

Sample #: 003 Date Sampled: 03/16/09 13:00 Date Received: 03/17/09 Matrix: WATER

Inorganıc Analysis				Reviewed
Bıochemıcal Oxygen Demand	ND	2	mg/L	MCAWW 405.1
Weak Acid Dıssociable CN	ND	0.010	mg/L	SM18 4500-CN-I
Chemical Oxygen Demand	ND	20	${ t mg/L}$	MCAWW 410.4
N-Hexane Extractable	ND	5.0	${ t mg/L}$	CFR136A 1664A HEM
Material (1664A)				
Ammonia Nitrogen	ND	2.0	mg/L	MCAWW 350.2
pH Aqueous	8.2		No Units	SW846 9040B
Filterable Residue (TDS)	380	10	mg/L	MCAWW 160.1
Total Organic Carbon	ND	1	mg/L	SW846 9060
Non-Filterable	ND	4.0	mg/L	MCAWW 160.2
Residue (TSS)				

Client Sample ID: TRIP BLANK

Sample #: 004 Date Sampled: 03/16/09 13:00 Date Received: 03/17/09 Matrix: WATER

Volatile Organics by GC/MS					Reviewed
Acetone	ND	10	ug/L	SW846 8260B	
Benzene	ND	1.0	ug/L	SW846 8260B	
Bromobenzene	ND	1.0	ug/L	SW846 8260B	
Bromochloromethane	ND	1.0	ug/L	SW846 8260B	
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B	
Bromoform	ND	1.0	ug/L	SW846 8260B	
Bromomethane	ND	1.0	ug/L	SW846 8260B	
2-Butanone	ND	10	ug/L	SW846 8260B	
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B	
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B	
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B	
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B	
Chlorobenzene	ND	1.0	ug/L	SW846 8260B	
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B	
Chloroethane	ND	1.0	ug/L	SW846 8260B	
Chloroform	ND	1.0	ug/L	SW846 8260B	
Chloromethane	ND	1.0	ug/L	SW846 8260B	
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B	
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B	

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The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user. _____

Rut t #: A9C170178	gers Organic SALEM, O	_	Date Reporte	PAGE ed: 3/30/0	
PARAMETER	REPORTING RESULT LIMIT UNI		NG UNITS	ANALYTICAL METHOD	
Client Sample ID: TRIP BLANK Sample #: 004 Date Sampled:	03/16/09 13	:00 Date	Received:	03/17/09 Matri	x: WATER
Volatile Organics by GC/MS					Reviewed
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260	
Dibromomethane	ND	1.0	ug/L	SW846 8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260	
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260	
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260	
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260	
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260	
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260	
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260	
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260	
cis-1,3-Dichloropropene	ND	1.0	ug/L ug/L	SW846 8260	
trans-1,3-Dichloropropene		1.0	ug/L ug/L	SW846 8260	
1,1-Dichloropropene	ND	1.0	-		
	ND		ug/L	SW846 8260	
Ethylbenzene	ND	1.0	ug/L	SW846 8260	
Isopropylbenzene	ND	1.0	ug/L	SW846 8260	
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260	
Methylene chloride	ND	1.0	ug/L	SW846 8260	
n-Propylbenzene	ND	1.0	ug/L	SW846 8260	
Styrene	ND	1.0	ug/L	SW846 8260	
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260	
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260	
Tetrachloroethene	ND	1.0	ug/L	SW846 8260	
Toluene	ND	1.0	ug/L	SW846 8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260	
Trichloroethene	ND	1.0	ug/L	SW846 8260	
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260	В
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260	В
Vinyl chloride	ND	1.0	${\tt ug/L}$	SW846 8260	В
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260	В
o-Xylene	ND	1.0	ug/L	SW846 8260	В

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The results shown below may still require additional laboratory review and are subject to

ot #: A9C170178	gers Organics Corporation SALEM, OHIO SITE			Date Reported:	PAGE 3/30/09
	מבפוון ת	REPORTIN	IG UNITS	ANALYTICAL	
PARAMETER	RESULT	LIMIT	UNITS	METHOD	
Client Sample ID: AGAC 1-2					
	03/16/09 13:	.00 Date R	eceived: 03	/17/09 Matrix:	ATR
Date bampled.	03/10/05 13	. oo bacc r	cccivca. 05	/1//05 Hatlin.	MIN
Volatile Organics by TO14 A (L	ow Level)				Reviewed
Benzene	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
Bromodichloromethane	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
Bromoform	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
Carbon tetrachloride	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
Chlorobenzene	ND	0.50	ppb(v/v)		
Dibromochloromethane	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
Chloroethane	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
Chloroform	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
1,2-Dibromoethane (EDB)	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
Dibromomethane	ND	1.0	ppb(v/v)	EPA-2 TO-14A	
1,2-Dichlorobenzene	2.9	0.50	ppb(v/v)		
1,3-Dichlorobenzene	ND	0.50	ppb(v/v)		
1,4-Dichlorobenzene	ND	0.50	(v/v) dqq		
Dichlorodifluoromethane	ND	0.50	ppb(v/v)		
1,1-Dichloroethane	ND	0.50	ppb (v/v)		
1,2-Dichloroethane	ND	0.50	ppb (v/v)		
cis-1,2-Dichloroethene	1.4	0.50	ppb (v/v)		
trans-1,2-Dichloroethene	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
1,1-Dichloroethene	ND ND	0.50		EPA-2 TO-14A EPA-2 TO-14A	
			ppb (v/v)		
1,2-Dichloropropane	ND	0.50	ppb (v/v)	EPA-2 TO-14A	
cis-1,3-Dichloropropene	ND	0.50	ppb (v/v)		
trans-1,3-Dichloropropene	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
Ethylbenzene	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
Cumene	ND	1.0	ppb(v/v)	EPA-2 TO-14A	
n-Propylbenzene	ND	1.0	ppb(v/v)	EPA-2 TO-14A	
Styrene	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
1,1,2,2-Tetrachloroethane	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
Tetrachloroethene	1.2	0.50	ppb (▼/▼)		
Toluene	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
1,1,1-Trichloroethane	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
1,1,2-Trichloroethane	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
Trichloroethene	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
Trichlorofluoromethane	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
1,2,3-Trichloropropane	ND	1.2	ppb(v/v)	EPA-2 TO-14A	
1,3,5-Trimethylbenzene	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
Vinyl chloride	ND	0.50	ppb(v/v)	EPA-2 TO-14A	
m-Xylene & p-Xylene	ND	0.50	ppb(v/v)	EPA-2 TO-14A	

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The results shown below may still require additional laboratory review and are subject to

change. Actions taken based on these results are the responsibility of the data user. _____ Rutgers Organics Corporation PAGE Lot #: A9C170178 3/30/09 SALEM, OHIO SITE Date Reported: REPORTING ANALYTICAL RESULT PARAMETER LIMIT UNITS METHOD Client Sample ID: AGAC 1-2 Date Sampled: 03/16/09 13:00 Date Received: 03/17/09 Matrix: AIR Sample #: 005 Volatile Organics by TO14 A (Low Level) Reviewed 0.50 ppb(v/v) EPA-2 TO-14A o-Xylene Client Sample ID: AGAG F Date Sampled: 03/16/09 13:00 Date Received: 03/17/09 Matrix: AIR Sample #: 006 Volatile Organics by TO14 A (Low Level) Reviewed EPA-2 TO-14A 0.50 Benzene ppb(v/v)0.50 Bromodichloromethane ND ppb(v/v)EPA-2 TO-14A 0.50 EPA-2 TO-14A Bromoform ND ppb(v/v) Carbon tetrachloride EPA-2 TO-14A 0.50 ppb(v/v) ND 0.50 EPA-2 TO-14A Chlorobenzene ND ppb(v/v) Dibromochloromethane ND 0.50 EPA-2 TO-14A ppb(v/v)Chloroethane ND 0.50 ppb(v/v) EPA-2 TO-14A 0.50 ppb(v/v) EPA-2 TO-14A Chloroform ND 0.50 ppb(v/v) EPA-2 TO-14A 1,2-Dibromoethane (EDB) ND Dibromomethane ND 1.0 ppb(v/v) EPA-2 TO-14A 0.50 ppb(v/v) EPA-2 TO-14A 1,2-Dichlorobenzene ND ppb(v/v) EPA-2 TO-14A 0.50 ND 1,3-Dichlorobenzene ppb(v/v) EPA-2 TO-14A 0.50 1,4-Dichlorobenzene ND Dichlorodifluoromethane ND 0.50 EPA-2 TO-14A ppb(v/v) ppb(v/v) EPA-2 TO-14A ND 0.50 1,1-Dichloroethane 0.50 ppb(v/v) EPA-2 TO-14A 1,2-Dichloroethane ND cis-1,2-Dichloroethene 0.93 0.50 ppb (∇/∇) EPA-2 TO-14A ppb(v/v) EPA-2 TO-14A trans-1,2-Dichloroethene ND 0.50 EPA-2 TO-14A 0.50 1,1-Dichloroethene ND ppb(v/v) 1,2-Dichloropropane ND0.50 ppb(v/v)EPA-2 TO-14A cis-1,3-Dichloropropene ND 0.50 ppb(v/v) EPA-2 TO-14A ppb(v/v) EPA-2 TO-14A trans-1,3-Dichloropropene ND 0.50 Ethylbenzene ND 0.50 ppb(v/v) EPA-2 TO-14A Cumene ND 1.0 ppb(v/v) EPA-2 TO-14A ppb(v/v) EPA-2 TO-14A n-Propylbenzene ND 1.0

(Continued on next page)

0.50 0.50

0.50

0.50

0.50

ND

ND

ND

ND

ND

Styrene

Toluene

1,1,2,2-Tetrachloroethane

Tetrachloroethene

1,1,1-Trichloroethane

ppb(v/v) EPA-2 TO-14A

ppb(v/v) EPA-2 TO-14A

ppb(v/v) EPA-2 TO-14A

EPA-2 TO-14A

EPA-2 TO-14A

ppb(v/v)

ppb(v/v)

The results shown below may still require additional laboratory review and are subject to

change. Actions taken based on these results are the responsibility of the data user.

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Lot #: A9C170178

SALEM, OHIO SITE

Date Reported: 3/30/09

REPORTING ANALYTICAL
PARAMETER RESULT LIMIT UNITS METHOD

Client Sample ID: AGAG F

Sample #: 006 Date Sampled: 03/16/09 13:00 Date Received: 03/17/09 Matrix: AIR

 Volatile Organics by T014 A (Low Level)
 Reviewed

 1,1,2-Trichloroethane
 ND
 0.50
 ppb(v/v)
 EPA-2 TO-14A

 Trichloroethene
 ND
 0.50
 ppb(v/v)
 EPA-2 TO-14A

 Trichlorofluoromethane
 ND
 0.50
 ppb(v/v)
 EPA-2 TO-14A

 1,2,3-Trichloropropane
 ND
 1.2
 ppb(v/v)
 EPA-2 TO-14A

 1,3,5-Trimethylbenzene
 ND
 0.50
 ppb(v/v)
 EPA-2 TO-14A

 Vinyl chloride
 ND
 0.50
 ppb(v/v)
 EPA-2 TO-14A

 m-Xylene & p-Xylene
 ND
 0.50
 ppb(v/v)
 EPA-2 TO-14A

 o-Xylene
 ND
 0.50
 ppb(v/v)
 EPA-2 TO-14A